

Advanced Disaster Medical Response Provider Course

Tuesday, April 24, 2007

Quality Inn Hotel, Rapid City, SD

Thursday, April 26, 2007

Ramkota Hotel, Sioux Falls, SD



Purpose Statement:

Disasters follow no rules. Traditionally, medical providers have held the erroneous belief that all disasters are different, especially those involving terrorism. In reality, all disasters, regardless of etiology, have similar medical and public health consequences. A consistent medical approach to disasters, based on an understanding of their common features and the response they require, is becoming the accepted practice throughout the world. This strategy, called the Mass Casualty Incident (MCI) response, has the primary objective of reducing the mortality caused by the disaster. The Advanced Disaster Medical Response Provider Course is designed to train multidisciplinary medical response personnel in the ABCs of basic medical and public health disaster care. The International Trauma and Disaster Institute at Massachusetts General Hospital developed the accompanying manual. The manual includes twenty-five chapters of detailed information designed to compliment the provider course. A copy of Advanced Disaster Medical Response Manual for Providers will be provided to course participants.

Learning Objectives:

At the conclusion of this educational activity, the participants should be able to:

1. Define various types of Mass Casualty Incidents (MCI)
2. Identify creation and importance of Incident Command System (ICS)
3. Assess impact of disasters on medical and public health infrastructure to formulate an effective and efficient medical response
4. Examine the threat of chemical agents and the vulnerability of civilian populations
5. Define the threat of nuclear agents and the vulnerability of civilian populations
6. Examine the threat of biological agents and the vulnerability of civilian populations
7. Discuss lessons learned from accidents involving hazardous materials and relation to terrorist events
8. Identify various types of explosives and detonators and injuries caused
9. Identify lessons learned from disasters resulting in crush and extremity injuries
10. Discuss the importance of psychosocial issues in disasters

Target Audience:

- ER, Trauma & other interested Physicians
- Nurses
- Emergency Medical Staff
- Social Workers
- Counselors
- Allied Health Professionals
- Public Health Staff

Presenters:

Susan Miller Briggs, MD, MPH, FACS

Dr. Briggs is an Attending General and Trauma Surgeon at the Massachusetts General Hospital and Associate Professor of Surgery at Harvard Medical School, Boston, MA.

Christine Curci, PhD, LCSW

Dr. Curci is a specialist in mental health and conflict mitigation. She serves as the mental health specialist for IMSuRT - East, an international medical/surgical response team based in Boston that may be sent at any time to help in areas of disaster or terrorist attack.

Joseph Roche, RN

Mr. Roche is a supervising trauma and critical care nurse at Massachusetts General Hospital in Boston, MA.

Darren A. Manthey, MD

Dr. Manthey is an Emergency Physician at Sanford Health, Trauma 5 and Assistant Clinical Professor at Sanford School of Medicine of The University of South Dakota, Sioux Falls, SD.

Jorge Reyno, MD

Dr. Reyno is an Associate Clinical Instructor, Rapid City Regional Hospital, Family Practice Residency Program, Rapid City, SD. He is board certified in Infectious Disease and Internal Medicine.

ADA Policy

The Office of Continuing Medical Education, Sanford School of Medicine of The University of South Dakota is committed to making programs accessible to all persons. A person with a disability who needs accommodation in a program should contact the Office of Continuing Medical Education at least three weeks prior to the program. After that date, we will make every effort to provide assistance but cannot guarantee that requested services will be available.

Agenda:

7:00 - 7:30 am

Registration/Coffee

7:30 - 8:00 am

Pre-test

8:00 - 8:45 am

Mass Casualty Management - Susan Briggs, MD

- Definition of Mass Casualty Incidents
- Definition of “austere environment”
- Elements of MCI response

8:45 - 9:30 am

Incident Command System - Joe Roche, RN

- Identify structure of ICS
- Exploration of principles of ICS and importance for responders

9:30 - 10:15 am

ABCs of Disaster Management - Susan Briggs, MD

- Discuss development of Search and Rescue Teams
- Explore conventional civilian triage priorities vs. field medical triage priorities
- Identify requirements for definitive medical care
- Explore indications and modes of evacuation
- Discuss the development and necessity of Rapid Needs Assessment (RNA)

10:15 - 10:30 am

Break

10:30 - 11:15 am

Psychological Response to Disasters - Christine Curci, PhD, MSW

- Explore event characteristics of disasters that affect mental health
- Individual and collective factors impacting psychological response
- Epidemiologic research on psychological response to disasters
- Psychological sequelae of disasters
- Exploration of interventions
- Discuss roles for mental health professionals
- Discuss signs, factors contributing to and management of worker stress

11:15 am - 12:00 pm

Blast Injuries - Susan Briggs, MD

- Discuss lessons learned from explosions and bombings, especially those related to terrorism

12:00 - 1:00 pm

Lunch provided

1:00 - 1:45 pm

Radioactive Agents - Darren Manthey, MD

- Identify principles and types of ionizing radiation
- Explore medical and biological effects of ionizing radiation
- Examples of various radiation treatment scenarios and emergency management
- Discussion of triage and decontamination of radiation casualties
- Recognition of special issues, such as command structure and monitoring

1:45 - 2:30 pm

Chemical Agents - Susan Briggs, MD

- Recognize three ways chemical agents are dispersed
- Identify five classes of chemical agents, their characteristics, clinical effects and treatments
- Attention to setting up treatment areas and decontamination

2:30 - 3:15 pm

Biological Agents - Jorge Reyno, MD

- Recognize various disease agents believed to have greatest potential for bioterrorism
- Identify routes of exposure
- Exploration of response to various bacterial and viral agents by learning clinical effects, prophylaxis and treatment

3:15 - 3:30 pm

Break

3:30 - 4:15 pm

Decontamination - Joe Roche, RN

- Explore two main goals in setting up decontamination at a medical facility
- Discuss stages of decontamination
- Understand decontamination techniques
- Discuss nuclear, biological and chemical special needs

4:15 - 4:45 pm

Post-test

4:45 - 5:00 pm

Evaluation and wrap-up

Meeting Locations:

Tuesday, April 24, 2007 - Rapid City

Quality Inn Hotel
1902 N. LaCrosse St.
Rapid City, SD 57701
Phone: 605-342-3322 Fax: 605-345-9212

Thursday, April 26, 2007 - Sioux Falls

Ramkota Hotel & Conference Center
3200 W. Maple St.
Sioux Falls, SD 57107
Phone: 605-336-0650 Fax: 605-336-1687

Accommodations:

Special rates have been arranged at the hotels listed above. The special rates will be honored through March 26 at Rapid City, and April 4 at Sioux Falls.

Registration is Free:

Pre-registration is required and limited at each location. Registration forms are due by Friday, April 13, 2007 and will be processed on a first-come first-served basis. You will not be considered registered for the program until a completed registration form has been received. Please complete and return the attached registration form via fax to 605-357-1488.

Accreditation Statement

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the Sanford School of Medicine of The University of South Dakota and the South Dakota Department of Health. The Sanford School of Medicine of The University of South Dakota is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation

Certificates of Attendance will be distributed at the conclusion of the workshop for the categories listed below.

The Sanford School of Medicine of The University of South Dakota designates this educational activity for a maximum of seven and three quarters (7.75) *AMA PRA Category 1 credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Application for contact hours has been made to CNE-Net, the education division of the North Dakota Nurses Association, an accredited approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation. Please call Linda Henderson at the Office of Continuing Medical Education for more information about contact hours.

The South Dakota Office of Emergency Medical Services approves this educational session for seven and three quarters (7.75) hours of CE credit towards Elective Credit.

Application has been made to the South Dakota Board of Social Work Examiners for .775 CEUs or 7.75 contact hours.

Application has been made to the South Dakota Board of Certified Counselors for 9.3 contact hours.